AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Logistics Ans Supply Chain Management						
Course Code	LYM501		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	127 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Equip students for the logistics and supply chain management at strategic level.						
Course Content	This course examines the the design and management of the supply chain. In this course we review state of the art planning models and practical tools for inventory control, distribution management and multi-plant coordination. Emphasis is placed on the strategic level of supply chain mnagement, including network planning, inventory management, strategic alliance and outsourcing, and supply chain integration.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Individual Study				
Name of Lecturer(s)	Lec. Kamil BİRCAN						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Lambert, D. M., Stock, J. R., & Ellram, L. M. (1998). Fundamentals of logistics management. McGraw-Hill/Irwin.
2	Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies. D. SimchiLevi, P. Kaminsky, and E. SimchiLevi, Boston, McGrawHill/Irwin, 3rd edition, 2008.
3	Business Logistics/Supply Chain Management. R.H. Ballou, New Jersey, Prentice Hall, 2004.
4	Contemporary Logistics. P.R. Murphy JR and D.F. Wood, New Jersey, Prentice Hall, 2004.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Supply Chain Management
2	Theoretical	Introduction (Cont.), Supply Chain Strategies
3	Theoretical	Customer Services in Supply Chains
4	Theoretical	Purchasing
5	Theoretical	Inventory Management
6	Theoretical	Materials Planning
7	Theoretical	Inventory Management
8	Theoretical	Materials Planning
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Enterprise Resource Planning
12	Theoretical	Supply Chain Risk Management
13	Theoretical	Sustainable Supply Chain Management
14	Theoretical	Holistic Approach in Supply Chains
15	Theoretical	Supply Chain Integration
16	Final Exam	Finals

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	3	39
Individual Work	13	0	2	26
Midterm Examination	1	25	1	26

Final Examination	1	35	1	36
			Total Workload (Hours)	127
			[Total Workload (Hours) / 25*] = **ECTS**	5
25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Develop a systematic framework for analyzing the behavior of large and complex supply chain networks.
2	Discover the state of the art approaches that reduce production, inventory and transportation costs as well as supply lead time.
3	Understand the relationship and motivations of suppliers and distributors to ensure supplies of raw materials and markets for finished goods.
4	Integrate production and inventory control methods in multi-plant distribution strategies.
5	Discover the state of the art approaches that reduce production, inventory and transportation costs as well as supply lead time.

Programme Outcomes *(Logistics Management Interdisciplinary Master)*

1	Being able to contribute to the institution the participant works for and the logistics sector by the use of the knowledge and abilities gained during the education period; and manage change in the institution and the sector;
2	Reaching a competency about contemporary business and technology applications in the area of logistics and supply chain management and analysis and strategy development methods;
3	Being able to create opportunities by combining supply chain management with information technologies and innovative processes by the use of the interdisciplinary courses the participants take;
4	Having the ability to develop creative solutions by working on global logistics and supply chain subjects and realizing these by the use of their project management knowledge;
5	Having the knowledge, abilities and capabilities required for effective logistics and supply chain management by the use of a problem and case analysis based learning;
6	Being able to examine logistics and supply chain processes with the management science viewpoint, analyze related concepts and ideas by scientific methods;
7	If continuing to work in the academia, having the necessary information on logistics applications; if continuing to work in the sector, having the necessary knowledge on conceptual subjects;
8	Being able to specify appropriate research questions about his/her research area, conduct an effective research with the use of necessary methods and apply the research outcomes in the sector or the academia;
9	Being able to follow the changes and developments in the sector the participant works in, in order to keep his/her personal and professional competence updated and develop himself/herself when necessary;
10	Have the necessary capabilities to pursue doctoral studies in national and foreign institutions

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	2	4	5	5	5
P2	3	2	2	4	4
P3	5	3	3	5	2
P4	5	2	2	3	2
P5			3	5	4
P6	5	1	2	5	3
P7	5	2	2	3	4
P8	5	3	2	2	5
P9	5	3	2	5	5
P10	5	2	2	4	5